

Annual Measurable Objectives:
Districts and Schools with Less than 100 Valid Scores
95% Confidence Interval Table (Adjusted)

The table below was generated by using the standard error of the proportion to construct a confidence interval around the school's observed proportion ("proficient or above"), based on a 95% confidence interval for each school. This confidence interval covers 1.64 standard deviation units above and below the school's observed proportion. If the target proportion falls within this range, it cannot be considered statistically different enough from the school's observed proportion, and therefore, the school scored high enough to meet the target proportion. The percent proficient has been converted into the number of proficient or above scores to facilitate the use of the table. Finally, the table has been adjusted to smooth the transition at the upper range of valid scores so that there is not an abrupt jump in the percent proficient targets when moving from 99 to 100 valid scores.

To use the table, determine the number of valid scores available in a content area. Then reference the appropriate AMO at the top of the table to determine the number of scores at or above proficient that are needed to meet the criterion.

		Number of scores needed at Proficient or above in order to meet Confidence Interval Adjusted AMO*					
Number Valid Scores		AMO					
		9.6%	11.2%	12.0%	12.8%	13.6%	16.0%
1-17		0	0	0	0	0	0
18		0	0	0	0	0	1
19		0	0	0	0	0	1
20		0	0	0	0	0	1
21		0	0	0	0	1	1
22		0	0	0	1	1	1
23		0	0	0	1	1	1
24		0	0	1	1	1	1
25		0	0	1	1	1	1
26		0	1	1	1	1	1
27		0	1	1	1	1	1
28		0	1	1	1	1	2
29		0	1	1	1	1	2
30		1	1	1	1	1	2
31		1	1	1	1	1	2
32		1	1	1	1	1	2
33		1	1	1	1	2	2
34		1	1	1	1	2	2

35	1	1	1	1	2	2
36	1	1	1	2	2	2
37	1	1	1	2	2	2
38	1	1	2	2	2	3
39	1	1	2	2	2	3
40	1	1	2	2	2	3
41	1	2	2	2	2	3
42	1	2	2	2	2	3
43	1	2	2	2	2	3
44	1	2	2	2	2	3
45	1	2	2	2	3	3
46	1	2	2	2	3	3
47	1	2	2	3	3	4
48	2	2	2	3	3	4
49	2	2	2	3	3	4
50	2	2	2	3	3	4
51	2	2	3	3	3	4
52	2	2	3	3	3	4
53	2	2	3	3	3	4
54	2	2	3	3	3	4
55	2	3	3	3	4	5
56	2	3	3	3	4	5
57	2	3	3	3	4	5
58	2	3	3	3	4	5
59	2	3	3	4	4	5
60	2	3	3	4	4	5
61	2	3	3	4	4	5
62	2	3	3	4	4	5
63	2	3	4	4	4	6
64	3	3	4	4	4	6
65	3	3	4	4	5	6
66	3	3	4	4	5	6
67	3	4	4	4	5	6
68	3	4	4	4	5	6
69	3	4	4	5	5	6
70	3	4	4	5	5	6
71	3	4	4	5	5	7
72	3	4	4	5	5	7
73	3	4	4	5	5	7
74	3	4	5	5	5	7
75	3	4	5	5	6	7
76	3	4	5	5	6	7
77	3	4	5	5	6	7
78	3	4	5	5	6	7

79	4	4	5	5	6	8
80	4	5	5	6	6	8
81	4	5	5	6	6	8
82	4	5	5	6	6	8
83	4	5	5	6	6	8
84	4	5	5	6	6	8
85	4	5	6	6	7	8
86	4	5	6	6	7	8
87	4	5	6	6	7	9
88	4	5	6	6	7	9
89	4	5	6	6	7	9
90	4	5	6	7	7	9
91	4	5	6	7	7	9
92	4	6	6	7	7	9
93	5	6	6	7	7	9
94	5	6	6	7	8	10
95	5	7	7	8	9	11
96	6	8	8	9	10	12
97	7	9	9	10	11	13
98	8	10	10	11	12	14
99	9	11	11	12	13	15
100	10	12	12	13	14	16

*AMO=Annual Measurable Objective